10. The method of claim **1**, comprising reducing power supplied to receiving circuitry during idle periods of the first paging cycle.

11. A method of operating a first base station, comprising:

registering a first subscriber identification module (SIM) card of an electronic device to a first core network;

generating a first paging cycle corresponding to the first SIM card;

transmitting the first paging cycle corresponding to the first SIM card to a second base station or to the electronic device; and

communicating with the electronic device according to the first paging cycle.

12. The method of claim **11**, wherein generating the first paging cycle comprises:

transmitting information associated with the first SIM card to a second core network;

receiving information associated with the second SIM card from the second core network; and

generating the first paging cycle based on the information associated with the second SIM card.

13. The method of claim **11**, wherein generating the first paging cycle is performed without consideration for a second paging cycle of the second SIM card, and wherein the first paging cycle is transmitted to the electronic device.

14. The method of claim **11**, wherein generating the first paging cycle comprises allocating transmission gaps to enable the electronic device to switch between using the first SIM card and using a second SIM card.

15. The method of claim **14**, wherein allocating the transmission gaps comprises generating connected mode discontinuous receive mode (C-DRX) gaps, wherein the first SIM card is configured to stop transmission, reception, or both during a respective C-DRX gap corresponding to a transmission duration corresponding to using the second SIM card.

16. The method of claim **11**, comprising communicating with the electronic device using the first SIM card during a transmission period of the first paging cycle without interrupting a transmission between the electronic device and the second base station.

17. The method of claim **16**, comprising communicating with the electronic device using the first SIM card through a same radio frequency communication component chain as used by the second SIM card, the same radio frequency communication component chain being configured to communicate using a first frequency for the first SIM card different from a second frequency for the second SIM card.

18. An electronic device, comprising:

a first subscriber identification module (SIM) card configured to receive a first paging cycle;

a second SIM card configured to receive a second paging cycle; and

a radio frequency chain configured to:

communicatively couple to a base station,

receive data from a first core network using the first SIM card according to the first paging cycle, and

send the first paging cycle to the base station, the base station being configured to:

receive the first paging cycle from the electronic device,

determine the second paging cycle for use with the second SIM card based on the first paging cycle, and

communicate with the electronic device using the second SIM card according to the second paging cycle, wherein the second paging cycle is configured to cause the base station to transmit data to the electronic device without interrupting a transmission mode according to the first paging cycle.

19. The electronic device of claim **18**, comprising receiving circuitry corresponding to the second SIM card configured to receive second data from a second core network according to the second paging cycle before receiving a paging notification from the second core network.

20. The electronic device of claim **18**, comprising:

receiving circuitry corresponding to the first SIM card; and

a controller configured to reduce power supplied to the receiving circuitry in response to the second paging cycle indicating a transmission period.

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